

**REMARKS/ARGUMENTS**

Reconsideration of this patent application is respectfully requested in view of the foregoing amendments, and the following remarks. Claims 1 and 5-18 are in the application. Claim 1 has been amended. No new matter has been added.

Claims 1, 5-7, 12 and 14-16 were rejected under 35 USC 102(e) as being anticipated by Weber et al. Claim 18 was rejected under 35 USC 103 as being unpatentable over Alt in view of Unger. Applicants respectfully traverse.

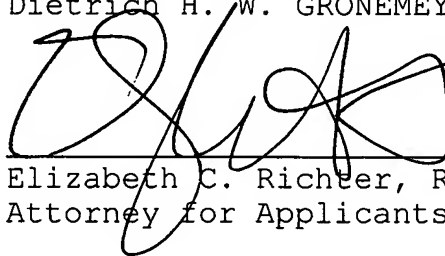
The Examiner rejected claims 1, 5-6, 14 and 15-17 under 35 U.S.C. 102(e) as being anticipated by *Alt et al. U.S. Patent No. 6,767,360*. Claims 1, 5-11 and 13-16 were also rejected under 35 U.S.C. 102(b) as being anticipated by *Melzer et al. U.S. Patent No. 6,280,385*. Claims 1, 5-7, 12 and 14-16 were rejected under 35 U.S.C. 102(e) as being anticipated by *Weber et al.* Claim 18 was rejected under 35 U.S.C. 103(a) as being unpatentable over *Alt et al.* in view of *Unger U.S. Patent No. 6,884,407*.

Claim 1 has been amended to recite that the interruptions are in each of the electrically conducting layers, and that they

do not overlap each other. Support for this amendment can be found in the drawings, in FIGS. 2 and 3. Neither *Alt* nor *Melzer* nor *Weber* disclose interruptions which are situated in different positions that do not overlap each other, in each of the layers of the structural part, as is now claimed in amended claim 1. These interruptions are provided to avoid closed current paths within the individual layers of the structural part and to prevent occurrence of eddy currents during MR imaging so that the medical implant according to the invention does not shield against the high-frequency fields that are radiated in. Moreover, because no interruption is provided in a layer at a position in which an interruption is situated in another layer, the structural integrity of the overall arrangement is guaranteed.

Accordingly, Applicants submit that claim 1 as amended and claims 5-18 which depend therefrom, are patentable over the cited references. Early allowance of the amended claims is respectfully requested.

Respectfully submitted,  
Dietrich H. W. GRONEMEYER ET AL.

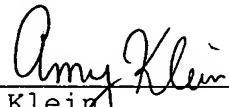


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Amy Klein

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